

7/04



SHEET 1 OF 6

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 250562US0		SERIAL NO. 10/800,636	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Kumi HASEGAWA, et al.			
				FILING DATE March 16, 2004		GROUP 1756	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	6,667,141	12-23-03	IWAMOTO ET AL.			
16	AB	6,653,037	11-25-03	SAWADA ET AL.			
16	AC	6,716,561	04-06-04	SHIRAISHI ET AL.			
16	AD	6,699,632	03-02-04	HIGUCHI ET AL.			
16	AE	6,593,048	07-15-03	SASAKI ET AL.			
16	AF	2003/0036010	02-20-03	SUZUKI ET AL.			
16	AG	6,566,026	05-20-03	WATANABE ET AL.			
16	AH	6,544,704	04-08-03	MATSUDA ET AL.			
16	AI	6,468,706	10-22-02	MATSUDA ET AL.			
16	AJ	6,360,068	03-19-02	KINOSHITA ET AL.			
16	AK	6,416,914	07-09-02	NAKAMURA ET AL.			
16	AL	6,432,590	08-13-02	UEDA ET AL.			
16	AM	6,363,229	03-26-02	SHIRAISHI ET AL.			
16	AN	6,403,275	06-11-02	KURAMOTO ET AL.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner J Goodrow					Date Considered 5/06		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 250562US0		SERIAL NO. 10/800,636	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Kumi HASEGAWA, et al.			
				FILING DATE March 16, 2004		GROUP 1756	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
16	AA	6,737,210	05-18-04	UCHINOKURA ET AL.			
16	AB	6,432,589	08-13-02	UCHINOKURA ET AL.			
16	AC	2003/0165765	09-04-03	YAMASHITA ET AL.			
16	AD	6,303,257	10-16-01	HASEGAWA ET AL.			
16	AE	6,255,028	07-03-01	HASEGAWA ET AL.			
16	AF	6,103,441	08-15-00	TOMITA ET AL.			
16	AG	6,060,201	05-09-00	KINOSHITA ET AL.			
16	AH	6,221,549	04-24-01	EMOTO ET AL.			
16	AI	6,074,795	06-13-00	WATANABE ET AL.			
16	AJ	6,120,960	09-19-00	AOKI ET AL.			
16	AK	6,180,298	01-30-01	KURODA ET AL.			
16	AL	6,248,488	06-19-01	KINOSHITA ET AL.			
16	AM	5,994,016	11-30-99	KURAMOTO ET AL.			
16	AN	6,274,282	08-14-01	SUGIMOTO ET AL.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner <i>J Goodrow</i>				Date Considered <i>5/06</i>			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 250562US0		SERIAL NO. 10/800,636	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Kumi HASEGAWA, et al.			
				FILING DATE March 16, 2004		GROUP 1756	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>16</i>	AA	6,268,098	07-31-01	SUGIMOTO ET AL.			
<i>16</i>	AB	5,998,073	12-07-99	KURAMOTO ET AL.			
<i>16</i>	AC	5,851,716	12-22-98	KURAMOTO ET AL.			
<i>16</i>	AD	5,912,100	06-15-99	AOKI ET AL.			
<i>16</i>	AE	5,747,210	05-05-98	EMOTO ET AL.			
<i>16</i>	AF	6,168,894	01-02-01	AOKI ET AL.			
<i>16</i>	AG	5,750,299	05-12-98	OHSHIMA ET AL.			
<i>16</i>	AH	6,004,715	12-21-99	SUZUKI ET AL.			
<i>16</i>	AI	5,614,347	03-25-97	AOKI ET AL.			
<i>16</i>	AJ	RE37,645	04-09-02	TAKAHASHI ET AL.			
<i>16</i>	AK	5,574,538	11-12-96	TAKAHASHI ET AL.			
<i>16</i>	AL	5,547,793	08-20-96	KURAMOTO ET AL.			
<i>16</i>	AM	5,554,478	09-10-96	KURAMOTO ET AL.			
<i>16</i>	AN	6,095,164	08-01-00	SAITOH ET AL.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner <i>J Goodrow</i>					Date Considered <i>5/06</i>		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 250562US0		SERIAL NO. 10/800,636	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Kumi HASEGAWA, et al.			
				FILING DATE March 16, 2004		GROUP 1756	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>16</i>	AA	6,047,758	04-11-00	KURAMOTO ET AL.			
<i>16</i>	AB	5,753,400	05-19-98	KURAMOTO ET AL.			
<i>16</i>	AC	5,519,316	05-21-96	HAGIWARA ET AL.			
<i>16</i>	AD	5,482,807	01-09-96	AOKI ET AL.			
<i>10</i>	AE	5,403,690	04-04-95	KURAMOTO ET AL.			
<i>16</i>	AF	5,541,031	07-30-96	YAMASHITA ET AL.			
<i>10</i>	AG	5,576,393	11-19-96	YAMASHITA ET AL.			
<i>10</i>	AH	RE 36,963	11-21-00	ANDO ET AL.			
<i>16</i>	AI	5,605,777	02-25-97	ANDO ET AL.			
<i>16</i>	AJ	5,380,616	01-10-95	AOKI ET AL.			
<i>16</i>	AK	RE 37,197	05-29-01	IIDA ET AL.			
<i>16</i>	AL	5,612,766	03-18-97	IIDA ET AL.			
<i>16</i>	AM	5,545,381	08-13-96	IIDA ET AL.			
<i>16</i>	AN	5,370,959	12-06-94	HAGIWARA ET AL.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						<input type="checkbox"/> Additional References sheet(s) attached
Examiner <i>J Goodrow</i>					Date Considered <i>5/06</i>		
<small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 250562US0		SERIAL NO. 10/800,636	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Kumi HASEGAWA, et al.			
				FILING DATE March 16, 2004		GROUP 1756	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	5,474,869	12-12-95	TOMITA ET AL.			
16	AB	5,189,102	02-23-93	TSUBUKO ET AL.			
16	AC	5,225,302	07-06-93	ISODA ET AL.			
16	AD	5,328,794	07-12-94	KAZUO ET AL.			
16	AE	5,169,739	12-08-92	UMEMURA ET AL.			
16	AF	5,061,587	10-29-91	TSUBUKO ET AL.			
16	AG	4,980,258	12-25-90	AOKI ET AL.			
16	AH	4,985,733	01-15-91	KUROTORI ET AL.			
16	AI	5,099,289	03-24-92	KUROTORI ET AL.			
16	AJ	5,026,621	06-25-91	TSUBUKO ET AL.			
16	AK	5,061,588	10-29-91	FUSHIMI ET AL.			
16	AL	5,759,733	06-02-98	TSUBUKO ET AL.			
16	AM	4,933,250	06-12-90	NAKAYAMA ET AL.			
16	AN	4,956,258	09-11-90	WATANABE ET AL.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner <u>J Goodrow</u>					Date Considered <u>5/06</u>		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 250562US0		SERIAL NO. 10/800,636	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Kumi HASEGAWA, et al.			
				FILING DATE March 16, 2004		GROUP 1756	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
16	AA	4,925,763	05-15-90	TSUBUKO ET AL.			
16	AB	4,908,290	03-13-90	WATANABE ET AL.			
16	AC	4,860,050	08-22-89	KUROTORI ET AL.			
16	AD	4,957,842	09-18-90	FUKASE ET AL.			
16	AE	4,764,447	08-16-88	TSUBUKO ET AL.			
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner J Goodrow					Date Considered 5/06		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



LIST OF RELATED CASES

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Inventor/ Applicant</u>
243469US2	10/677,346	10/03/03	NAGAYAMA, et al.
241128US0	10/631,727	08/01/03	SUZUKI, et al.
241977US2	10/650,754	08/29/03	KOICHI, et al.
236939US0	10,444,013	05/23/03	SAWADA, et al.
231338US0X	10/314,241	12/09/02	SAITO, et al.
232405US0	10/329,362	12/27/02	SUZUKI, et al.
226638US2	10/212,736	08/07/02	SUGIURA, et al.
223523US0	10/153,627	05/24/02	SUZUKI, et al.
232409US0	10/329,538	12/27/02	HIGUCHI, et al.
233533US3	10/355,039	01/31/03	SUZUKI, et al.
228571US0	10/251,855	09/23/02	SAWADA, et al.
228607US0	10/252,070	09/23/02	AOKI, et al.
224009US0X	10/163,530	06/07/02	SHIRAISHI, et al.
223537US0	10/158,069	05/31/02	MATSUDA, et al.
222880US0	10/151,103	05/21/02	HIGUCHI, et al.
219857US0	6,667,141	12/23/03	IWAMOTO, et al.
221203US0	10/102,629	03/22/02	SAWADA, et al.
221089US0	10/101,756	03/21/02	MATSUDA, et al.
219850US0	10/077,813	02/20/02	MATSUDA, et al.
219257US2	10/079,878	02/22/02	KATOH, et al.
216314US2	6,653,037	11/25/03	SAWADA, et al.

*Present Application; listed for information
NFO/wal

Docum. circ. 5/06 16

216544US0	6,716,561	04/06/04	SHIRAISHI, et al.
215990US0	6,699,632	03/02/04	HIGUCHI, et al.
214138US2	6,593,048	07/15/03	SASAKI, et al.
213812US0	09/965,826	10/01/01	HIGUCHI, et al.
PER CLIENT	09/845,449	04/30/01	UNKNOWN
PER CLIENT	09/826,789	04/05/01	SUZUKI, et al.
PER CLIENT	6,566,026	05/20/03	WATANABE, et al.
211533US3	09/905,872	07/17/01	SASAKI, et al.
227434US0 CONT	6,544,704	04/08/03	MATSUDA, et al.
208932US0	6,468,706	10/22/02	MATSUDA, et al.
PER CLIENT	6,360,068	03/19/02	KINOSHITA, et al.
PER CLIENT	6,416,914	07/09/02	NAKAMURA, et al.
PER CLIENT	09/712,927	11/16/00	UNKNWON
199081US0	6,432,590	08/13/02	UEDA, et al.
PER CLIENT	6,363,229	03/26/02	SHIRAISHI, et al.
196125US0	6,403,275	06/11/02	KURAMOTO, et al.
225457US0X DIV	6,737,210	05/18/04	UCHINOKURA, et al.
195758US0X	6,432,589	08/13/02	UCHINOKURA, et al.
PER CLIENT	10/324,877	12/20/02	YAMASHITA, et al.
192511US0	6,303,257	10/16/01	HASEGAWA, et al.
0557-4898-0	6,255,028	07/03/01	HASEGAWA, et al.
0557-4832-0	6,103,441	08/15/00	TOMITA, et al.
0557-4789-0	6,060,201	05/09/00	KINOSHITA, et al.
231081US0 CONT	10/302,898	11/25/02	KURAMOTO, et al.

*Present Application; listed for information
NFO/wal

Claim considered 5/06 16

0557-4803-0	09/434,472	11/05/99	KURAMOTO, et al.
PER CLIENT	6,221,549	04/24/01	EMOTO, et al.
0557-4692-0	6,074,795	06/13/00	WATANABE, et al.
0557-4662-0	6,120,960	09/19/00	AOKI, et al.
0557-4654-0	6,180,298	01/30/01	KURODA, et al.
0557-4569-0	6,248,488	06/19/01	KINOSHITA, et al.
0557-4435-0	09/127,971	08/04/98	KURAMOTO, et al.
0557-4371-0	5,994,016	11/30/99	KURAMOTO, et al.
0557-4907-0 DIV	6,274,282	08/14/01	SUGIMOTO, et al.
0557-4329-0	6,268,098	07/31/01	SUGIMOTO, et al.
0557-4316-0	5,998,073	12/07/99	KURAMOTO, et al.
0557-4090-0	5,851,716	12/22/98	KURAMOTO, et al.
PER CLIENT	5,912,100	06/15/99	AOKI, et al.
0557-3899-0	5,747,210	05/05/98	EMOTO, et al.
0557-4275-0 DIV	09/010,583	01/22/98	AOKI, et al.
0557-3912-0	6,168,894	01/02/01	AOKI, et al.
0557-3878-0	5,750,299	05/12/98	OHSHIMA, et al.
0557-3877-0	6,004,715	12/21/99	SUZUKI, et al.
0557-3986-0 CONT	08/775,604	12/31/96	AOKI, et al.
0557-3762-0	5,614,347	03/25/97	AOKI, et al.
0557-4393-2 REISSUE	RE 37,645	04/09/02	TAKAHASHI, et al.
0557-3576-2	5,574,538	11/12/96	TAKAHASHI, et al.
0557-3780-0 FWC	08/889,569	07/08/97	ANDO, et al.
0557-3780-0 DIV	08/609,939	02/29/96	UNKNWON

*Present Application; listed for information
NFO/wal

Claim considered 5/06/18

0557-3344-0	5,547,793	08/20/96	KURAMOTO, et al.
PER CLIENT	5,554,478	09/10/96	KURAMOTO, et al.
0557-3333-2	6,095,164	08/01/00	SAITOH, et al.
0557-4239-3-CONT	6,047,758	04/11/00	KURAMOTO, et al.
0557-3334-3 FWC	5,753,400	05/19/98	KURAMOTO, et al.
0557-3334-3	08/310,391	09/22/94	UNKNOWN
0557-3375-2	5,519,316	05/21/96	HAGIWARA, et al.
PER CLIENT	5,482,807	01/09/96	AOKI, et al.
PER CLIENT	5,403,690	04/04/95	KURAMOTO, et al.
PER CLIENT	5,541,031	07/30/96	YAMASHITA, et al.
PER CLIENT	5,576,393	11/19/96	YAMASHITA, et al.
PER CLIENT	RE36,963	11/21/00	ANDO, et al.
PER CLIENT	5,605,777	02/25/97	ANDO, et al.
PER CLIENT	5,380,616	01/10/95	AOKI, et al.
0557-4246-3	RE 37,197	05/29/01	IIDA, et al.
0557-3482-3 DIV	5,612,766	03/18/97	IIDA, et al.
0557-2725-3	5,545,381	08/13/96	IIDA, et al.
PER CLIENT	5,370,959	12/06/94	HAGIWARA, et al.
PER CLIENT	5,474,869	12/12/95	TOMITA, et al.
0557-2495-0-FWC	5,189,102	02/23/93	TSUBUKO, et al.
PER CLIENT	5,225,302	07/06/93	ISODA, et al.
PER CLIENT	5,328,794	07/12/94	KAZUO, et al.
PER CLIENT	5,169,739	12/08/92	UMEMURA, et al.
PER CLIENT	5,061,587	10/29/01	TSUBUKO, et al.

*Present Application; listed for information
NFO/wal

Chair connected 5/06/16

PER CLIENT	4,980,258	12/25/90	AOKI, et al.
0557-1074-3	<u>4,985,733</u>	01/15/91	KUROTORI, et al.
0557-1069-3 FWC	5,099,289	03/24/92	KUROTORI, et al.
0557-1069-3	07/330,699	03/30/89	UNKNOWN
PER CLIENT	5,026,621	06/25/91	TSUBUKO, et al.
0557-1086-0X	5,061,588	10/29/91	FUSHIMI, et al.
PER CLIENT	<u>5,759,733</u>	06/02/98	TSUBUKO, et al.
PER CLIENT	4,933,250	06/12/90	NAKAYAMA, et al.
PER CLIENT	4,956,258	09/11/90	WATANABWE, et al.
PER CLIENT	4,925,763	05/15/90	TSUBUKO, et al.
PER CLIENT	4,908,290	03/13/90	WATANABE, et al.
0557-0664-0	4,860,050	08/22/89	KUROTORI, et al.
PER CLIENT	4,957,842	09/18/90	FUKASE, et al.
PER CLIENT	4,764,447	08/16/88	TSUBUKO, et al.
250562US0*	10/800,636	03/16/04	HASEGAWA, et al.

claims considered 5106 16

*Present Application; listed for information
NFO/wal



LIST OF RELATED CASES

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent Appl. Publication No.</u>	<u>Inventor/ Applicant</u>
268227US0	11/081,737	03/17/05		MATSUMOTO, et al.
250562US0*	10/800,636	03/16/04	US2004/0234879 A1	HASEGAWA, et al.

Claim considered 5106 16

*Present Application; listed for information
NFO/kch



LIST OF RELATED CASES

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent Appl. Publication No.</u>	<u>Inventor/ Applicant</u>
250562US0*	10/800,636	03/16/04	2004-0234879	HASEGAWA et al.
270592US2	11/108,646	04/19/05		SAWADA et. al.

Claim cancelled 5/06 ic



LIST OF RELATED CASES

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent Appl. Publication No.</u>	<u>Inventor/ Applicant</u>
278302US0.	11/223,998	09/13/05		SHU, et al.
278569US0	11/227,178	09/16/05		HASEGAWA, et al.
250562US0*	10/800,636	03/16/04	US2004/0234879 A1	HASEGAWA, et al.

Claim considered 5/06 16

*Present Application; listed for information
NFO/ssn/hah